

# **WELCOME**

## **Opening Remarks**



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# AFMC TOPICS

*JTEG 14-16 Nov 00*

- **Operational Safety, Suitability, and Effectiveness**
- **Technology Transition**
- **50/50**
- **Common Systems Requirements**
- **Increase S&T Funding For The  
Air Force**



# Why Do OSS&E?

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**To Ensure That Competent People Are  
Making Reasonable Decisions to  
Prevent Loss of Capability To Our Warfighters.**

# Air Force OSS&E Policy

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**The Air Force will:**

**Assure the **safety**, **suitability** and **effectiveness** of all system and end-items currently in, or entering, the operational inventory**

# **OSS&E Responsibilities**

## **(AFPD & AFI)**

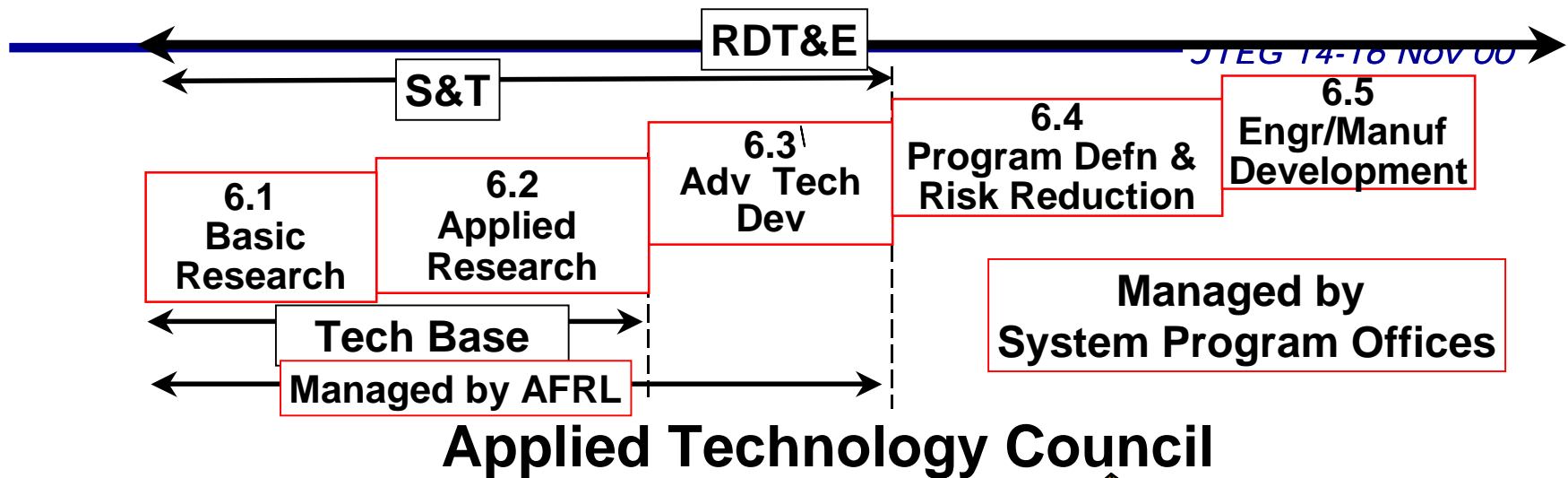
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## **MAJCOMs and Other Users**

- **Obtain Single Manager Approval of User Initiated Modifications**
- **Coordinate Operational or Maintenance Changes with Single Manager**

# TECHNOLOGY TRANSITION



## Means for Tech Transition

Advanced Technology Demo (ATD)  
Advanced Concept Tech Demo (ACTD)  
Technology Planning IPT  
Battle Lab Experiments  
Technical Events (JEFX)  
SPD Initiative  
Industry Initiative  
Senior Leader Initiative

Tech Transition "Seam"

## Emphasis is Necessary on Technology Transition

- Sustained Senior Leader Emphasis
- Continuous Communication
- Integrated Process
- Budget For Production Incorporation

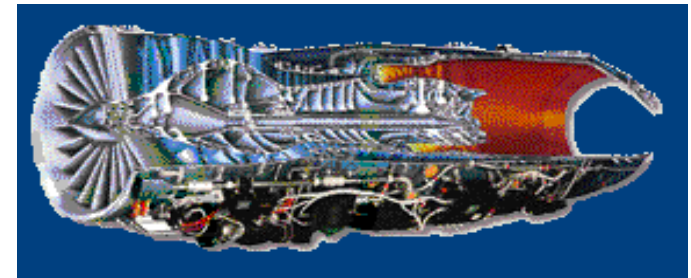
# Existing Programs Which Bridge The Seam

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**Engine CLP**

## **Aging Aircraft**

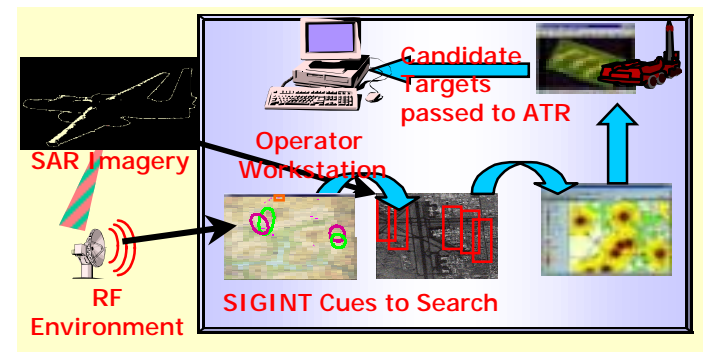


- Bonded Repair Capability Enhancement
- Advanced Aircraft Corrosion Protection
- Advanced NDE for Aging Structures
- Corrosion Effects on Structural Integrity



- ATFE F119 Engine Demo

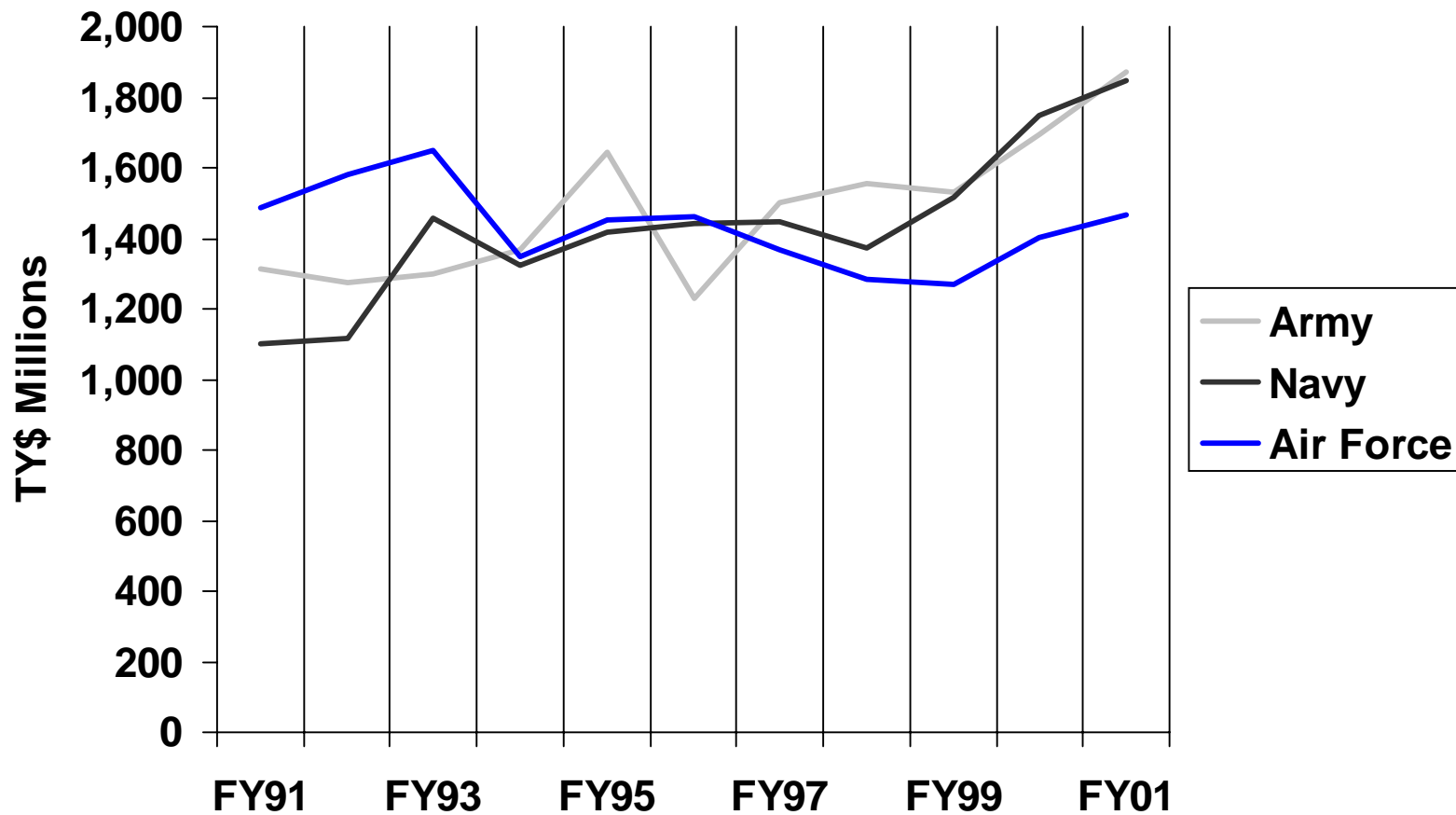
## **Airborne Targeting & Cross-Cueing System**



- Situational Awareness from Enhanced Threat Info (SAFETI)

# S&T Appropriations

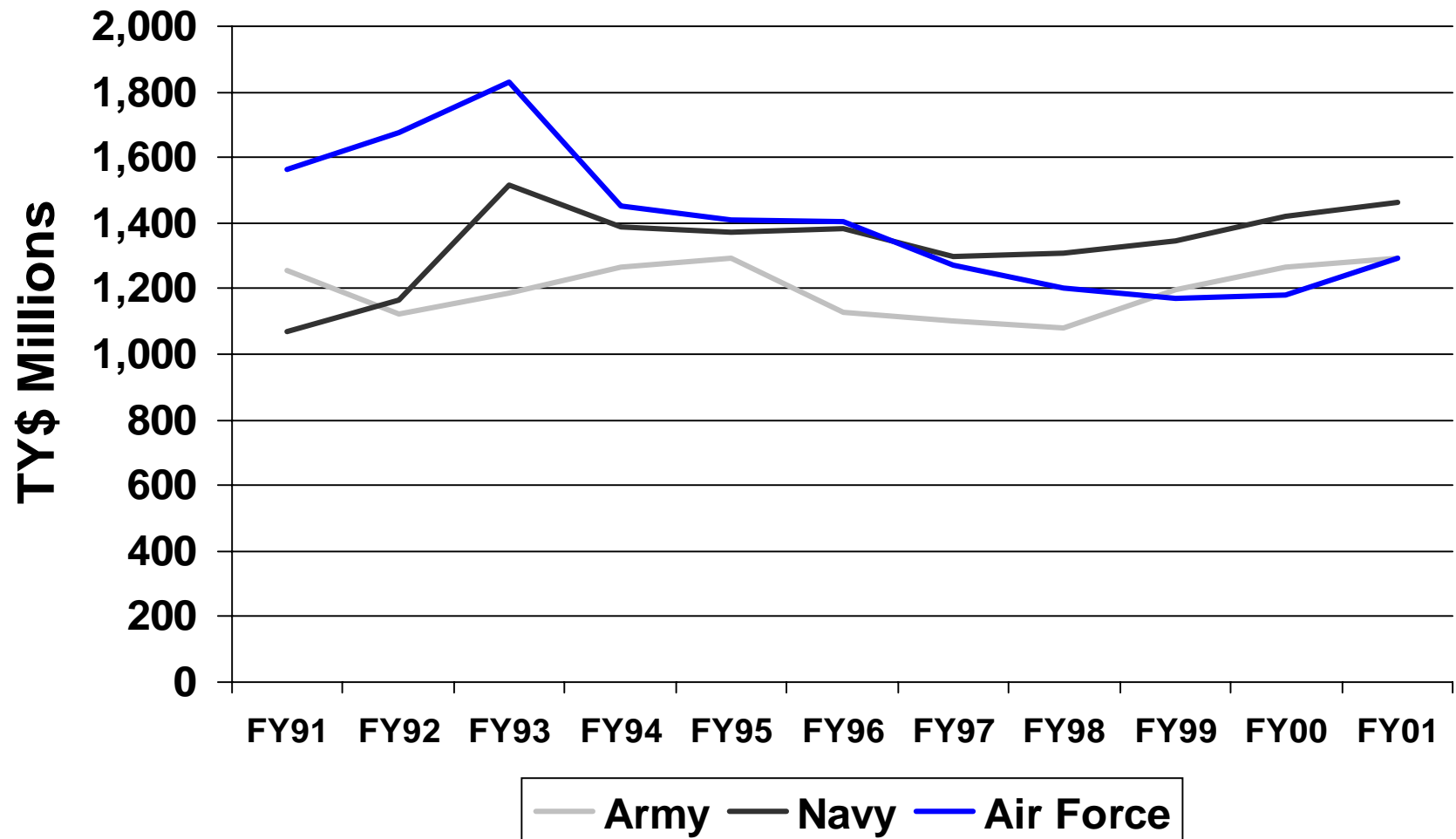
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# S&T PB For The Services

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# 50/50

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- **Air Force Needs To Increase Its Organic Workload**
  - **Need To Move Additional Work Into The Depots**
  - **Must Achieve 50% Or More By Law**
- **Need To Determine What New Technologies Are Needed At Our Depots**
  - **New Weapon Systems**



# Common Systems Requirement

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- **New Technologies That Result In Cross-Cutting Requirements**
  - **Support Equipment**
  - **Radar**
  - **EC/EW**
  - **Avionics**



# Main Message

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***Today -- we enjoy the most technologically advanced AF in the world -- the result of years of focused S&T investments***

***We cannot rest! The next technological revolution requires sustained, healthy S&T investments -- and your support is essential***



***Continuous Improvement is the key -- we must continue to innovate via:***

- ***Improved Technology Transition***
- ***Improved Technology Planning***